

FIG. 2B

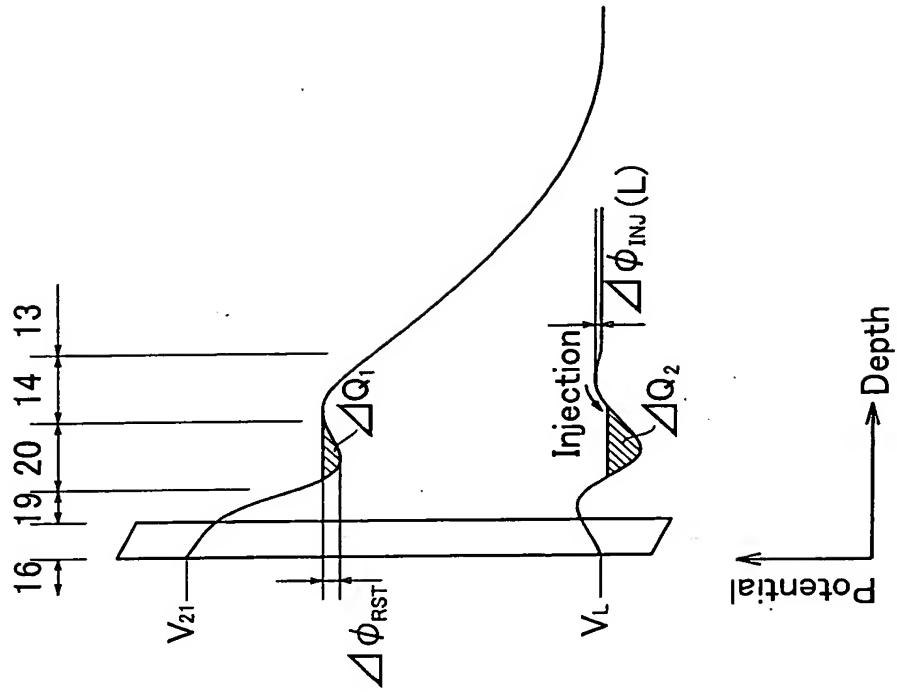


FIG. 2A

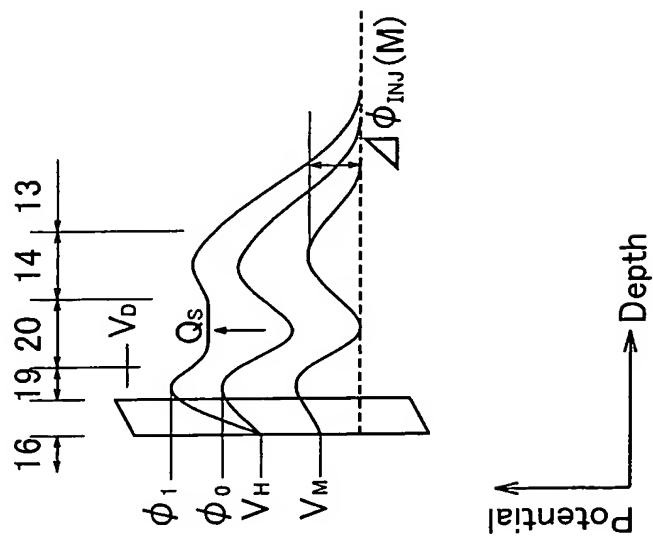
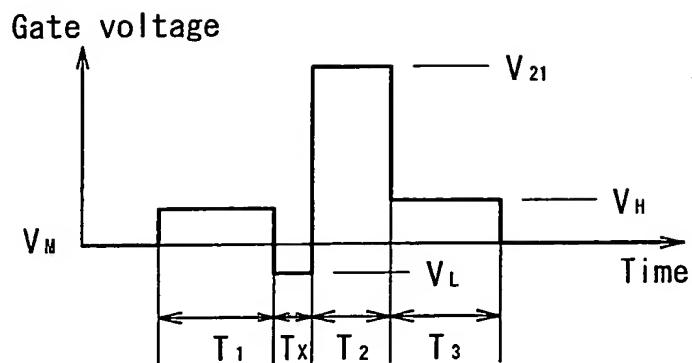
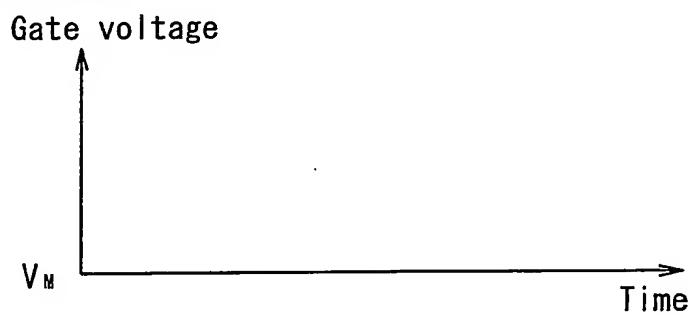
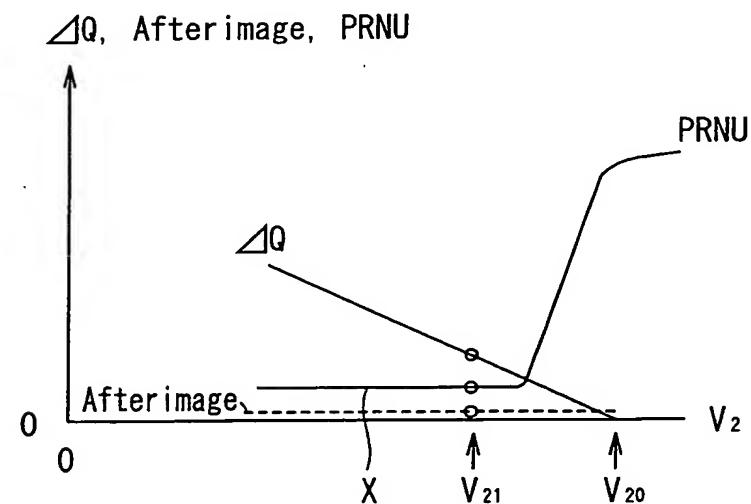


FIG. 3A**FIG. 3B****FIG. 4**

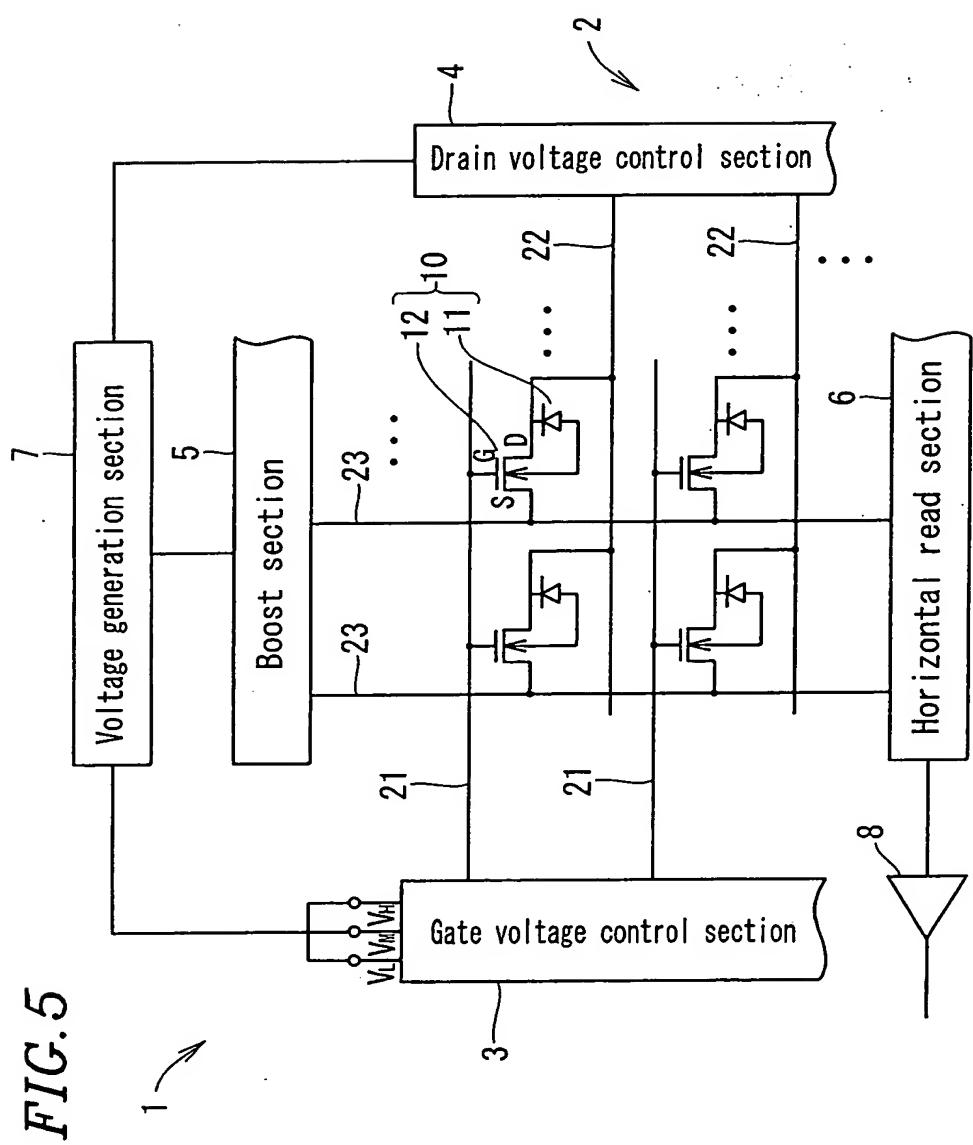


FIG. 6A

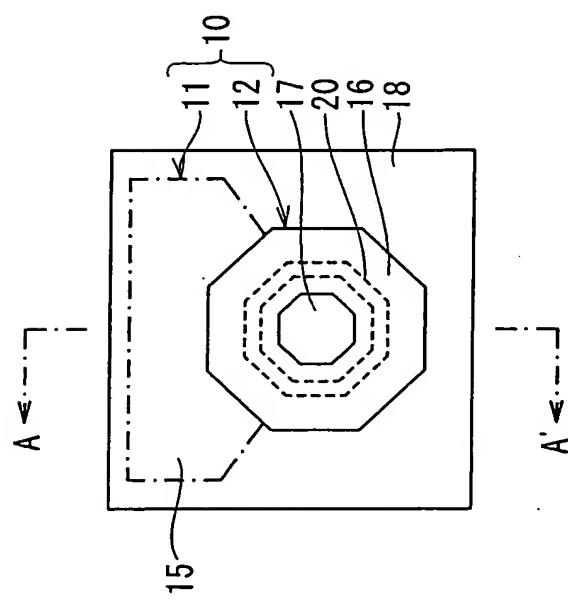


FIG. 6B

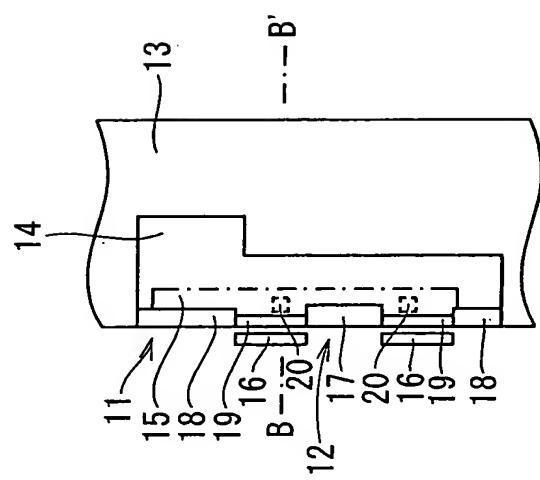


FIG. 7

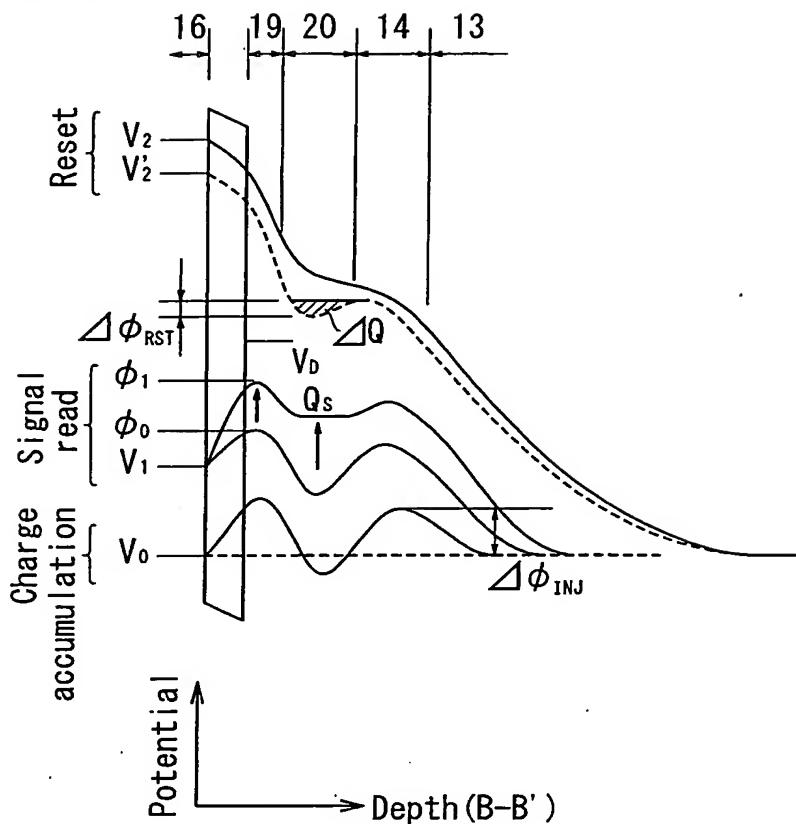


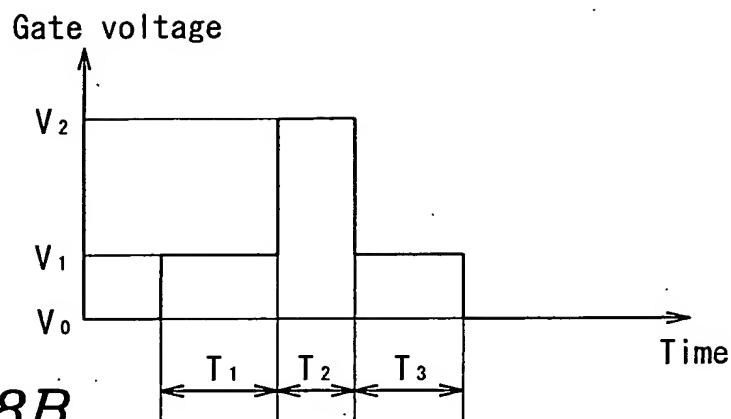
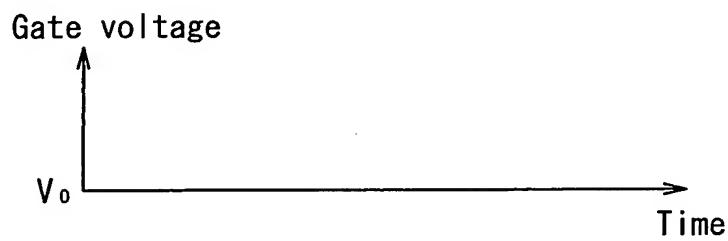
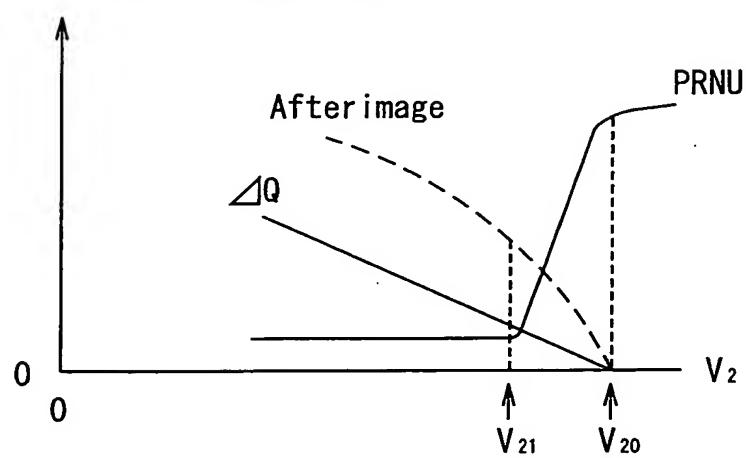
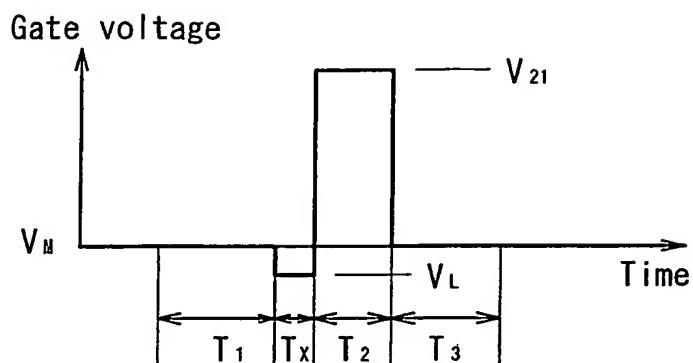
FIG.8A***FIG.8B******FIG.9*** ΔQ , Afterimage, PRNU

FIG. 10A*FIG. 10B*